

ABSTRACT OF THE DISCLOSURE

A safety coupling apparatus which includes first and second annular coupling parts for attachment to first and second coaxial rotatable shafts. The second coupling part defines an axial chamber which has an open end facing the first coupling part, and a radially-extending recess between a collar and a flange, both extending and located radially outwardly of the axial chamber, wherein the flange is spaced from the collar. An expandable hollow body of the first coupling part axially extends through the open end and into the axial chamber. A cavity subdivides the hollow body into inner and outer cylindrical sections and can (1) be filled with, or (2) emptied of pressurized fluid to expand or contract the inner and outer sections relative to one another and cause or prevent external surfaces thereof to contact adjacent surfaces of the axial chamber and thereby prevent or enable relative rotation of the first and second coupling parts.